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UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	3392-00012
First Inventor	Deliang Zhang
Title	Titanium Based Composite and Coatings and Methods of Production
Express Mail Label No.	EV383667570US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
- Applicant claims small entity status.  
See 37 CFR 1.27.
- Specification [Total Pages 28]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [Total Sheets 8]
- Oath or Declaration [Total Sheets 3]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
    - i.  **DÉLETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a.  Computer Readable Form (CRF)
  - b.  Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  Paper
  - c.  Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9.  Assignment Papers (cover sheet & document(s))
10.  37 CFR 3.73(b) Statement  Power of (when there is an assignee)  Attorney
11.  English Translation Document (if applicable)
12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15.  Certified Copy of Priority Document(s) (if foreign priority is claimed)
16.  Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17.  Other: .....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

Continuation  Divisional  Continuation-in-part (CIP) of prior application No.: 10/119,268.....

Prior application information: Examiner Sperty, Arden B. Art Unit: 1775  
For CONTINUATION OF DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

Customer Number: 26753 OR  Correspondence address below

Name	Thomas M. Wozny		
Address	Andrus, Sceales, Starke & Sawall, LLP 100 East Wisconsin Avenue, Suite 1100		
City	Milwaukee	State	WI
Country	USA	Telephone	414-271-7590
Zip Code	53202-4178		
Fax	414-271-5770		

Name (Print/Type)	Thomas M. Wozny	Registration No. (Attorney/Agent)	28,922
Signature	<i>Thomas M. Wozny</i>		
Date	February 11, 2004		

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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# FEE TRANSMITTAL

## for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 480.00)

## Complete if Known

Application Number	
Filing Date	February 11, 2004
First Named Inventor	Deliang Zhang
Examiner Name	
Art Unit	
Attorney Docket No.	3392-00012

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money Order  Other  None
 Deposit Account:

Deposit Account Number 01.2000  
Deposit Account Name Andrus, Sceales, Starke & Sawall, LLP

The Director is authorized to: (check all that apply)

 Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) or any underpayment of fee(s)  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Fee Code (\$)	Fee	Small Entity	Fee Code (\$)	Fee	Fee Description	Fee Paid
1001	770	2001	385			Utility filing fee	\$385.00
1002	340	2002	170			Design filing fee	
1003	530	2003	265			Plant filing fee	
1004	770	2004	385			Reissue filing fee	
1005	160	2005	80			Provisional filing fee	
SUBTOTAL (1)		(\$ 385.00)					

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	21	-20**	= 1	x \$9	= 9	Fee from below	Fee Paid
Independent Claims	5	- 3**	= 2	x \$43	= 86		
Multiple Dependent					= 0		

Large Entity	Fee Code (\$)	Fee	Small Entity	Fee Code (\$)	Fee	Fee Description	
1202	18	2202	9			Claims in excess of 20	
1201	86	2201	43			Independent claims in excess of 3	
1203	290	2203	145			Multiple dependent claim, if not paid	
1204	86	2204	43			** Reissue independent claims over original patent	
1205	18	2205	9			** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)		(\$ 95.00)					

\*\*or number previously paid, if greater; For Reissues, see above

## 3. ADDITIONAL FEES

## Large Entity

## Small Entity

Fee Code (\$)	Fee	Fee Code (\$)	Fee	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

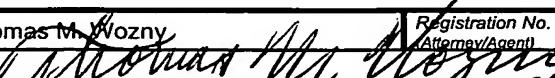
Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0.00)

## SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Thomas M. Wozny	Registration No. (Attorney/Agent)	28,922	Telephone	414-271-7590
Signature				Date	February 11, 2004

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Notification of the Filing of a Divisional  
Application Dated February 11, 2004  
Attorney Docket No. 3392-00012  
Applicants: Deliang Zhang et al

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Divisional of:	Deliang Zhang Wei Gao Danyang Ying Zhengwei Li Zhihong Cai Jing Liang	) CERTIFICATE OF EXPRESS MAIL
Title :	Titanium Based Composites and Coatings and Methods of Production	) This is to certify that this correspondence is being deposited with the United States Postal Service as Express Mail Post Office to Addressee in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 11th day of February, 2004. The Express Mail Label is EV383667570US.
Docket No. :	3392-00012	)
<b>PARENT APPLICATION DATA:</b>		
Appln. No. :	10/119,268	)
Filed :	April 9, 2002	)
Title :	Titanium Based Composites and Coatings and Methods of Production	)
TC/A.U. :	1775	)
Examiner :	Sperty, Arden B.	)

Dorothy A. Hauser February 11, 2004  
Dorothy A. Hauser Date

NOTIFICATION OF THE FILING OF A DIVISIONAL APPLICATION

Mail Stop: Divisional Application  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This is a request for filing a divisional application, of pending prior Application No. 10/119,268, filed April 9, 2002, of Deliang Zhang, Wei Gao, Danyang Ying, Zhengwei Li Zhihong Cai and Jing Liang, for Titanium Based Composites and Coatings and Methods of Production.

1. I hereby verify that the attached papers are a true copy of what is shown in my records to be the above identified parent application, including the Oath or Declaration originally filed. No amendments referred to in the Declaration introduced new matter in the application.

Notification of the Filing of a Divisional  
Application Dated February 11, 2004  
Attorney Docket No. 3392-00012  
Applicants: Deliang Zhang et al

2. The papers of the parent application, as filed, which are attached are as follows:

28 pages of Specification  
21 claims after entry of Preliminary Amendment enclosed herein  
1 page of Abstract  
8 sheets of Drawings, Figures 1, 2, 3, 4A, 4B, 4C, 5, 6  
3 pages of Declaration and Power of Attorney

3. The filing fee is computed as indicated in the attached Fee Transmittal, PTO Form SB/17.

4. A check in the amount of \$480.00 accompanies this application to cover the filing fee pursuant to 37 C.F.R. §1.16. Kindly charge any additional patent filing or processing fees in this divisional application under 37 C.F.R. §1.16 or §1.17 to Deposit Account No. 01.2000. An additional copy of this notification is enclosed.

5. An Information Disclosure Statement and cited references are enclosed.

6. A Preliminary Amendment is enclosed.

7. The prior application is assigned of record to Titanox Developments Limited of 29 Albert Street, 35th Floor, Cooper & Lybrand Tower, Auckland, New Zealand, and the Assignment is effective to assign the present continuation application to Titanox Developments Limited. The assignment was recorded on July 15, 2002, at Reel 13085, Frame 569.

8. Address for Correspondence - Please address all correspondence to:

Andrus, Sceales, Starke & Sawall, LLP  
100 East Wisconsin Avenue, St. 1100  
Milwaukee, Wisconsin 53202

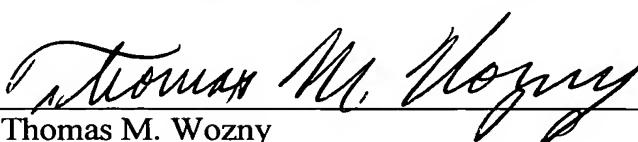
Please address all telephone calls to:

Thomas M. Wozny  
(414) 271-7590

Respectfully submitted,

ANDRUS, SCEALES, STARKE & SAWALL, LLP

By

  
Thomas M. Wozny  
Reg. No. 28,922  
(414) 271-7590

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